

IN THE CLAIMS:

The following listing replaces all earlier versions and listings of the claims,  
and shows the current status of all claims:

1. - 7. (Canceled)

A13  
SUBC17  
8. (Newly Added) A solid-state image pickup element formed on a  
single semiconductor substrate, comprising:

a pixel including a photoelectric conversion element which includes an  
accumulation area where signal charge generated by photoelectric conversion is  
accumulated, a transfer switch which transfers the signal charge accumulated in said  
accumulation area, a floating diffusion portion which receives the signal charge through  
said transfer switch, and a reset switch which resets an electric potential of said floating  
diffusion portion;

a first terminal to which a voltage is supplied from outside said solid-state  
image pickup element;

a second terminal to which a voltage is supplied from outside said  
solid-state image pickup element;

a first wiring which supplies the voltage supplied to said first terminal to  
said reset switch; and

a second wiring which supplies the voltage supplied to said second terminal  
to said transfer switch.

9. (Newly Added) An image pickup apparatus comprising:  
a solid-state image pickup element according to Claim 8; and  
a voltage potential setting circuit which generates a plurality of different  
electric power voltages,  
wherein said voltage potential setting circuit supplies a first voltage to said  
first terminal and supplies a second voltage lower than the first voltage to said second  
terminal.

AB